

**Abstract**

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The invention concerns a method for generating process heat and/or electrical energy for a machine used in the production and/or finishing of a web of fibrous material, particularly a paper web or paperboard web,  
10 during which gas having a highest possible proportion of hydrogen is generated from the waste products resulting during the production and/or finishing of the web of fibrous material, and this hydrogen-rich gas is used for generating the necessary process heat and/or the necessary electrical energy.